

20030922.qrp v03_n051.qrl.20030922

Date: Mon, 22 Sep 2003 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3051

QRP-L Digest 3051

Topics covered in this issue include:

- 1) [158141] Re: Very first MQFD !
by Roger McCormick <ki8du1@yahoo.com>
- 2) [158142] gschem
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [158143] Freqmite sold
by "Tim" <nz7c@cox.net>
- 4) [158144] Re: Very first MQFD !
by "John Sielke" <jsielke@pobox.com>
- 5) [158145] Re: FT-817 QRP Package - SOLD--- SOLD
by "NZ8J" <nz8j@woh.rr.com>
- 6) [158146] QRP FUSION
by <wallenpb@earthlink.net>
- 7) [158147] SGC vs. LDG tuners
by Michael Goins <mgoins@usa.net>
- 8) [158148] FS Ten-Tech 1202 Wattmeter
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 9) [158149] New email address
by "Bob Hightower" <rhightower@cox.net>
- 10) [158150] Looking for Sam, KF6ML
by "Lou" <w7ji@cox.net>
- 11) [158151] QRP Afield Report: Pac-12 Antenna Kit works GREAT!!
by "Doug Hendricks" <ki6ds@dospalos.org>
- 12) [158152] Re: Very first MQFD !
by Tom Severt <n2uhc@yahoo.com>
- 13) [158153] Re: Very first MQFD !
by "John Huffman" <hjohnc@core.com>
- 14) [158154] NA5N
by "42hotrodz" <42hotrodz@sbcglobal.net>
- 15) [158155] RE: Very first MQFD !
by "Jim Sheldon" <w0eb@cox.net>
- 16) [158156] Re: WB3AAL AT in PA Sunday
by "Ron Polityka" <wb3aal@verizon.net>
- 17) [158157] Sept NJQRP meeting and QRP Afield
by "n2cx" <n2cx@voicenet.com>
- 18) [158158] QRP HB Sprint
by John Sielke <jsielke@pobox.com>
- 19) [158159] NJ HB Sprint

- by "n2cx" <n2cx@voicenet.com>
- 20) [158160] Re: QRP HB Sprint
by "Rod N0RC" <rod@n0rc.us>
- 21) [158161] NJ HB Sprint
by Jim Cluett <w1pid@yahoo.com>
- 22) [158162] NJ HB Sprint - WQ2RP
by "Ken Newman" <n2cq@comcast.net>
- 23) [158163] JT1C0...14.026 ... Got em !!!
by "George Osier" <gosier@twcnny.rr.com>
- 24) [158164] solar power question...
by "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
- 25) [158165] MFD
by Steven Weber <kd1jv@moose.ncia.net>
- 26) [158166] Re: solar power question...
by "Bill Jones" <kd7s@psnw.com>
- 27) [158167] Re: solar power question...
by Wayne Rogers <w5kdj@juno.com>
- 28) [158168] RE: solar power question...
by "Steve Blary" <steve@eclipsecat.com>
- 29) [158169] Re: solar power question...
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [158170] Re: [solar power question...]
by "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
- 31) [158171] For Sale: KAT-2 & KIO-2
by Hank Kohl K8DD <k8dd@arrl.net>
- 32) [158172] SA612 parts?
by Michael Clark <mdc@oldboy.net>

Date: Sun, 21 Sep 2003 16:06:01 -0700 (PDT)
From: Roger McCormick <ki8du1@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [158141] Re: Very first MQFD !
Message-ID: <20030921230601.37452.qmail@web11304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Rick,

FYI..this coming weekend is the TARA Clubs annual
Campout. Everyone is welcome to camp or just to come
and visit. Saturday evening at 5:30 PM, the feasting
will begin. All thats requested is that you bring your
favorite beverage and covered dish.

Thought I would post this on the list as I think there
several folks here locally that subscribe.

Anywho...I wanted to let you know. This may or may not be of interest to you as I don't know what you had in mind for MQFD. However, I think it would be a great place and time to display QRP while having fun in the outdoors.

72/73

Roger / KI8DU oo

<http://www.qsl.net/ki8du>

<http://www.qsl.net/tara>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software

<http://sitebuilder.yahoo.com>

Date: Sun, 21 Sep 2003 19:23:59 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [158142] gschem

Message-ID: <01a301c38097\$6f760b50\$080044c0@BrianBoru>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Can anyone point me at enough docs to get started on gschem?

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>

didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 21 Sep 2003 16:14:56 -0700

From: "Tim" <nz7c@cox.net>

To: <qrp-l@Lehigh.EDU>

Subject: [158143] Freqmite sold

Message-ID: <006d01c38096\$2bd2f080\$97f26a44@ph.cox.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

In about 2 seconds heh heh. Thanks folks. 73/Tim NZ7C

Date: Sun, 21 Sep 2003 19:41:20 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [158144] Re: Very first MQFD !
Message-ID: <3F6DFEE0.22370.154F5A6@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> Remember folks, the very first MQFD is Saturday Sept 27, 2003 - that is
> this coming Saturday !
> How many folks plan on operating the Monthly QRP Field Day (MQFD) ?
> What type of operating are you planning on doing, ragchewing or
> contesting ?

I plan to be on. Wondering if this will also be the first Saturday Spartan Sprint in the Field, and if so, which 2 hours?

John W2AGN

Date: Sun, 21 Sep 2003 20:25:24 -0400
From: "NZ8J" <nz8j@woh.rr.com>
To: <nz8j@woh.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158145] Re: FT-817 QRP Package - SOLD--- SOLD
Message-ID: <019601c380a0\$0424f740\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who replied, the package has been sold
Tim
NZ8J

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, September 21, 2003 1:23 PM

Subject: FS: FT-817 QRP Package

> All in excellent condition
>
>
> Yaesu FT-817 with 500hz CW Filter
> Internal battery pack
> Small MFJ switching supply for 817
> W4RT "one touch tune" (OTT) can be used with a Z-11 QRP auto tuner
> Oak Hills Research WM-2 wattmeter
> Yaesu owners manual, VE3AYR "Pack-it" reference manual, N6FN "Nifty
> Mini-Manual", and W7YEN laminated "quick reference sheet" Box, Mic, 2
power
> cords. Do not have the rubber ducky ants for the 817. Found that the
> controls are too small for my liking. Will ship first class mail and
insure
> in the lower 48 for \$585. Thanks
> Tim
> NZ8J
>
>
>
>

Date: Sun, 21 Sep 2003 20:44:37 -0500
From: <wallenpb@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [158146] QRP FUSION
Message-ID: <001201c380ab\$15a36aa0\$0201a8c0@billalle>

Hello fellow QRP fans,

I have run across what I have to guess is the ultimate QRP project. QRP FUSION! I had no idea this stuff existed, but there are guys out there building real deal deuterium fusion units in their garages, shops, labs, etc. No "cold fusion" here, just real high energy plasmas that can cause deuterium fusion and significant neutron counts to prove it! And this all done without a multimillion dollar budget or a Tokamak. Check it out! Also no surprise that some of the guys involved in this are hams. :-))

The main hangout for this group of low power fusioneers.
www.fusor.net

Want basic plans to build one yourself? Here they are!
<http://torsatron.tripod.com/fusor/>

72 es 00
Bill Allen, WA5PB

WA5PB home page
<http://www.pbpage.org/bill/>
FISTS #7332 -- FPqrp #337
10-10 #71178 -- K2 #1068
QRP-L #2503 -- SOC #469
QRPARCI #10983
Flying Pigs QRP Club Int., W8PIG - where 00 does not mean "Official Observer"
<http://www.fpqrp.com>

Date: Sun, 21 Sep 2003 21:01:01 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [158147] SGC vs. LDG tuners
Message-ID: <084HiVcBB3024S06.1064196061@cmsweb06.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I've used LDG's for years, and they have worked well. Would like to know =
more
about successes/failures from someone using the SGC tuners. Anyone willin=
g to
share installations, etc.? Please email me off list. Thanks.

mike
k5wmg

Date: Sun, 21 Sep 2003 22:50:51 -0400

From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [158148] FS Ten-Tech 1202 Wattmeter
Message-ID: <BAY1-F25Z24dsPkskqe00007417@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Blatant Spam

For Sale Ten-Tech QRP-200 Watt HF/VHF Wattmeter from my father in law's
estate on Flea-Bay
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3048656183&category=48701&rd=1>

Paul Gerhardt
K3PG
pgerhardt@hotmail.com

Help protect your PC. Get a FREE computer virus scan online from McAfee.
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Sun, 21 Sep 2003 20:12:01 -0700
From: "Bob Hightower" <rhightower@cox.net>
To: <qrp-1@lehigh.edu>
Subject: [158149] New email address
Message-ID: <000101c380b7\$4a738100\$86dc0244@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

NK7M has a new email address:

rhightower@cox.net=09

Please change your address book, if you've put me in there.

Thanks,
Bob NK7M

Date: Sun, 21 Sep 2003 20:23:16 -0700
From: "Lou" <w7ji@cox.net>

To: <qrp-1@Lehigh.EDU>
Subject: [158150] Looking for Sam, KF6ML
Message-ID: <00a301c380b8\$dd39db00\$6401a8c0@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sam,
The PC Boards for the QRP receiver are in and ready for shipping. Tried
your old email address but email was returned.

Lou, W7JI

Date: Sun, 21 Sep 2003 20:51:09 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [158151] QRP Afield Report: Pac-12 Antenna Kit works GREAT!!
Message-ID: <02cc01c380bc\$c443f1e0\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was bummed. Every year, Dave Fifield, Paul Maciel, Mike Gipe and I get together to operate the 2 "Field" contests. This was the weekend, yet Paul, Dave and Mike all had other commitments and couldn't get out of them. No camaraderie this weekend, no sharing qrp stories, no having fun while eating lunch, no brainstorming of fun things to do at Pacificon, no new ideas for NorCal projects. Dang it, I was just gonna be disappointed.

Then it happened. About 7 o'clock Friday night, Paul Maciel, AK1P, gave me a call. "Hey Doug, where are you operating tomorrow?" I told Paul that I was going to build my new Pac 12 Antenna kit from James Bennett's new company, Pacific Antennas in the morning, and then was going to use it at the local park. Paul said that his plans had changed, and that he was gonna drive over and see what operating from the central valley was like! Hey, that sounded super. Plus, Paul also had a Pac-12 antenna kit to finish, and he decided to bring it along. I hung up the phone, then did a little jig, and went into the house with a big smile on my face. My daughter and son-in-law and grandson were visiting, this is her birthday weekend, and my daughter said, "Dad what did you do, just win the lottery?" I told her no, but it was just as good, maybe even better. One of my buddies was going to drive over and operate QRP Afield with me. Robbie, shook her head, rolled her eyes (ever

notice how every woman can do that? Wonder how they all learn to do it? Must be in the genes or something.) and said, "Mom, I see that Dad still likes to "Play ham radio", with a big grin.

Saturday morning I took JoAnne, Robbie, Mike and "little Dougie" out to breakfast. Gotta score those points so I could sneak away. About 9:45 I headed down to the school, taking my Pac-12 kit with me. Paul showed up right at 10, and we went inside to build the antennas.

James Bennett has done an outstanding job with this kit. First of all, the manual is on CD-Rom. Color pictures, step-by-step instructions, it is an outstanding manual. You can tell a lot of time and effort went into this product. The parts were all there, and they are all professionally machined and finished. No burrs, no rough or sharp edges. James has done his work well. The first thing that we assembled was the feedpoint. No problems at all. Next we tackled the coil itself. Very easy to build, just follow the pictures and directions, and it goes right together. James gives you plenty of wire. I had tons of it left over. After I wound the coil, it was time to solder it to the connections. James uses the heat stripable wire, and I love it. Wrapped it through the solder lug, applied some heat from the soldering iron with a little solder, and before I knew it, the red insulation on the magnet wire was bubbling and smoking, then the solder coated the wire and I had a nice solder joint. I repeated the process on the other end with the same result. Hey, I like this.

The last thing that we did was to build the radials. James gives you a length of 14 conductor ribbon cable and 3 crimpable solder lugs. I have a set of hot tweezers, and used them to strip the insulation from the ribbon cable. It came off like a knife going through hot butter. I then separated the ribbon cable into 3 sets, one with 4 conductors and 2 with 5 conductors. I soldered them onto the solder lugs, and was ready to go. The antenna was done, all in about 45 minutes. You have to remember that Paul and I were talking and visiting all the time, comparing our antennas as we built them, and did not rush at all. I think you could build this in 30 minutes easily.

We then went to lunch, deciding that we needed some food before we tackled the great contest world out there. After lunch (no it was not nearly as good as my buddies at 4SQRP were having at their Hamout this weekend) we drove to the city park, and started setting up. The rigs we used were my K1 and Paul's (actually George Heron's) 817. I set the rigs up, while Paul set a camera tripod up on a picnic table. We ran about 30 feet of RG174 to the antenna connector. Paul adjusted the antenna. We found that it was resonant at 13.100 MHz. Paul simply shortened the whip, and it came right into resonance at 14.055!! Hey, that was good news, it meant that the antenna was gonna work. After he finished the antenna work (about 3 minutes) Paul came back to the operating table, hooked up the battery to the radio, and we were on the air. He tuned my K1 across the band, and there was a loud one, K7RE/7, Brian in Wyoming. One call, and he was in the log!!

Paul handed me the paddles, I make one call, de KI6DS. Bam, Brian came right back to me too! I turned to Paul, grinned, and said, "Is it supposed to be this easy?"

We worked mainly 20 as there were not many signals on 40, but we did make a couple of contacts with Paul's 40 meter version of the Pac-12. Went back to 20 and we heard Rod Cercone, NØRC/M working. Gave him a call, and again, right in the old log book for both of us. My wife and daughter drove up with sodas for us about this time. We took a little break to drink them. Neat how the wives know just when you are gonna get thirsty. After the break, Paul tuned around, and we heard a very weak signal at 14.062.12. It was MY. Paul and I both looked at each other and said, "SEAB!!! IN MAINE" Paul waited for him to finish, and had to drop his call in there 4 or 5 times as the path was not good. But finally, Seab came back, and they made the qso. I jumped in there, but got stomped on. That happens sometimes. Then he was gone! Oh no, Paul got to work Seab, and I missed him. Will I hear about this at the next NorCal meeting. I wrote down the frequency, and we tuned around. Heard some guys in Texas, and we worked Bill who was down at George Baker's Antenna Farm. Very good signal. Tuned around a little more. About an hour or so after Paul had worked Seab, I was tuning around 14.062 and bam, there he was!! Twice as loud as before (but remember he was very weak before.) I could hardly wait for Seab to finish his qso. Finally he did. It was sweaty palm time now. Paul had worked him before, this was gonna be my last chance to salvage my honor and pride. I dropped my call in there. Dang it, he's working someone else. Paul is rooting for me. (That's what friends do.) He tells me not to give up, stay in there, you'll get him. Finally the qso is over. de KI6DS de KI6DS. Seab is having trouble with his keyer or paddles, he is sending garbage. Then, there it is!!! KI6DS de AA1MY. Yes!!! He heard me. Now to make the qso. We both need fills, but we make the qso!! Now, that is the thrill of QRP. Sitting out in a park, on a beautiful day, light breeze blowing, operating in a qrp contest with a good friend, using a radio and antenna that you built yourself, it doesn't get any better than this.

Guys, next Saturday, there is going to be another opportunity to operate a qrp contest. I sure hope that you can make it, because it is a whole bunch of fun. Oh yeah, back to the Pac-12 antenna from Pacific Antennas. It is a winner. I heartedly recommend it. Great value, and I plan on using mine a lot. It is perfect for those of you who are in restricted antenna environments. You can set this one up easily in 2 or 3 minutes. It comes in a neat nylon bag that will hold all the stuff necessary to get on the air. You can put the antenna, radio, feedline, paddles, and battery right in the bag. It is probably 8" x 16" x 4" or so. Just the thing to throw in the trunk of the car and always have handy. It is very easy to build, all that you need are a phillips screwdriver, a crescent wrench, soldering iron, needle nose pliers, a knife, and diagonal cutters plus about 30 to 45 minutes of time. Good job James. Thanks to the New England Club for a great contest, and thanks to Paul Maciel for driving all the way over here

so that I could have more fun playing radio. 72, Doug, KI6DS

Date: Sun, 21 Sep 2003 21:53:49 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [158152] Re: Very first MQFD !
Message-ID: <20030922045349.16312.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Rick McKee <kc8aon@juno.com> wrote:

> How many folks plan on operating the Monthly QRP
> Field Day (MQFD) ?

I'll be camping out with the wife & in-laws, so may
get to get some radio time in during the trip. Would
be fun to make it a monthly thing.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 22 Sep 2003 06:16:01 -0400
From: "John Huffman" <hjohnc@core.com>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158153] Re: Very first MQFD !
Message-ID: <004901c380f2\$86a8db80\$58075dd8@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Wondering if this will also be the first Saturday Spartan

> Sprint in the Field, and if so, which 2 hours?

Gang -

At this point there is no Saturday Spartan Sprint. I received several replies to my query, most positive. We've started to look for dates for a trial run.

We want to avoid other QRP outside activities. The September activity was QRP to the Field, no need for a September activity. Finding a date in October is a problem as the last Saturday is CQWW SSB which may spill over on to 40M, depending on the time. The other weekends have big state QSO parties with QRP categories. If someone wants to contest outside with QRP, the opportunities are there.

It seems the MQFD has some interest and will fill the need without us doing another contest. We'd rather fill a need than compete with other activities.

73 de NA8M
John

Date: Mon, 22 Sep 2003 05:35:09 -0500
From: "42hotrodz" <42hotrodz@sbcglobal.net>
To: <qrp-1@lehigh.edu>
Subject: [158154] NA5N
Message-ID: <000b01c380f5\$38cb5b60\$6501a8c0@rh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm in need of Paul's, NA5N, e-mail address. Still had the "rt66.com" in my address book and it bounced. Wonder if someone would send me his new address?

Many thanks 'yall...73,

Rod
K5BGB

Date: Mon, 22 Sep 2003 06:33:18 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [158155] RE: Very first MQFD !
Message-ID: <IBEGLCMLCDHHEFLBPHBOKEAPCOAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Weather permitting, I'll be operating in "Rag Chew" mode from the city park here in Park City, KS. There's a hamfest in Valley Center, KS (5 miles NW of here) also this weekend, so after the hamfest, will set up with a PAC-12 and 40 and 30 meter rigs. Maybe even 20 if my DSW-II gets here in time to be built for the weekend.

Jim, W0EB

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Rick McKee
Sent: Sunday, September 21, 2003 4:06 PM
To: Low Power Amateur Radio Discussion
Subject: Very first MQFD !

Remember folks, the very first MQFD is Saturday Sept 27, 2003 - that is this coming Saturday !

How many folks plan on operating the Monthly QRP Field Day (MQFD) ?

What type of operating are you planning on doing, ragchewing or contesting ?

Below, I'll list my suggestions for MQFD again in case someone wants to add to it before Saturday.

Below are my suggestions for the Monthly QRP Field Day (MQFD). I have tried my best to make suggestions so that it will be a something for everyone event, be it casual operator, contester, field operation experimenter etc. And notice that these are merely suggestions, so feel free to add any input you might have that will enhance the events.1. Keep it legal ! All participants must have a valid Amateur Radio license to participate. All operation must be within your license class privileges, and all operation must be within one of the many Amateur Radio bands, and should only operate in the mode specific sub bands, ie: CW in the CW sub bands, SSB in the phone bands etc... Use good

operating practice to enhance goodwill, in other words, respect the fact that some folks just want to operate, and some folks like to make it a contest - this way everyone can enjoy !2. All operation should be done at or below QRP power levels. This would be 5 watts and below for CW, and 10 watts and below for SSB. You digital operators can make power level suggestions for modes like PSK, RTTY, Packet etc.

All operation should be done without benefit of commercial power. Power sources such as batteries, solar panels, wind and pedal powered generators etc should be used.3. All operation should be from a field location. Qualifying field locations can be places such as mountain and hill tops, camp grounds, city parks, your back yard, your back porch, or in a cow pasture if you want ! Operation from campers, tents, picnic shelters, house boats, caves etc would all be permissible. Basically anywhere you can setup a station without benefit of commercial power would be allowed.4. Operators wishing to operate rag chew style, would simply setup a station in the manor outlined above, and operate to your hearts content. You can qso with other participants, non participants, basically anyone that carries a valid Amateur Radio license. Don't worry about how many qso's you make, just make quality conversation and have fun. And be sure and let us all know about your setup afterwards, fill us in on interesting qso's, unique operations you had, special antennas etc etc. this way it can be a learning experience for us all. The main thing is to have fun and learn how to operate in unique situations - remember, we all may be called upon sometime to operate this way when the "GRID" is dead !5. Groups of operators wishing to compete against each other, should set up as outlined above. Each group should agree upon their own contest rules. Things like points and multipliers, contest qso exchanges, event time limits etc should be agreed upon before the event by each individual group. Groups would include 2 or more operators wishing to compete against each other, local club members wishing to compete against each other, or widespread national or DX club members wishing to compete. Contest operation could also be achieved by the ragchewers too, things like, one with the longest qso wins, most interesting qso wins (this one would have to be voted on within the respective group), most unusual setup, use your imagination ! Again, have fun and enjoy the great outdoors !6. Events would take place on the last Saturday of each month, and could run the entire 24 hours if you want, or the entire weekend for that matter. The main idea is to get out and have fun operating QRP style !Now, the rest is all up to you ! Pick your Saturday and your style of operation, pack up the gear, some hot dogs for the grill, your favorite snacks and beverages and head out into the wilds of our city parks and back yards and have some fun ! And last but not least, KEEP IT SAFE ! WATCH OUT FOR POWERLINES ! PRACTICE SAFE OPERATING ! WE DON'T WANT TO HEAR ANY TALES OF INJURIES OR WORSE NOW DO WE ? 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rlSW 40+, SW-20+, Norcal BLT, Norcal Cascade, Yaesu FT-7, Homebrew

6V6 tube TX & Hallicrafters SW500 RXQRP-L #2112, FPqrp #33, AR QRP
AmQRPI'll give up CW when I'm dead ! MAYBE !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.520 / Virus Database: 318 - Release Date: 9/18/2003

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.520 / Virus Database: 318 - Release Date: 9/18/2003

Date: Mon, 22 Sep 2003 07:41:11 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [158156] Re: WB3AAL AT in PA Sunday
Message-ID: <003d01c380fe\$6c3ab0a0\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I made it to the AT on Sunday and was calling CQ on 7.042 around 13:00 UTC. I did make a few QSO's on 40m but the QSB was bad. I switched to 10.110 and called CQ for a while until someone answered my call. I chatted for a while and then I switched to 14.062. 30 and 20 meters seemed dead. I did manage to make 2 contacts on 20m. I tried 15m for a few minutes around 15:00 UTC but I had no luck.

The antenna worked great. I did have one small problem with the grounding system but I made the repairs in the field. One or two more testing sessions and I will have the antenna working properly.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

Date: Mon, 22 Sep 2003 08:05:21 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@lehigh.edu
Subject: [158157] Sept NJQRP meeting and QRP Afield
Message-ID: <200309221205.h8MC5LEL019044@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Well the weather was nice and we pretty much had Van Nest Park to ourselves. The downside was that attendance was light.

Those who showed up were:

Tony W2GUM
Dave WA2DJN
Nick Frigo
David Willmore N0YMV
Bob N2LO
Joe N2CX

Plus Joe's wife Fran who sat quietly reading a book and shaking her head at those crazy hams....

We had one official QRP Afield Station, Joe's Sierra running from a gel cell and feeding a beta version of the commercial Pacific Antenna PAC-12. The latter did a fine job. It was modified to include a two-tap loading coil to cover 20 and 40 meters and was set up on the ground. The ground system was the 7 radials (about 7 or 8 ft long) included with the antenna plus an additional four 15 footers were added.

Tuneup was done using the KD1JV Tenna Tuner which drew some interest since several attendees had not seen one in action before. This antenna and tuning indicator make a fine pair for portable use.

Ops Tony and Joe ran the station under the club call, WQ2RP, and in a casual effort managed to snag 9 contacts in 8 SPCs for a score of 720. On 20 the farthest SPC was NM while MA represented the "DX" on 40.

Bob, N2LO brought along his 10 GHz portable setup and attempted to find some 10 GHz activity. Without 2 meter spotting equipment he

had low success, finding only a carrier tuning up but was unable to make a contact.

There are some pictures which I'll try to have put up on the website in the next day or two.

72/73,

Joe E., N2CX

Date: Mon, 22 Sep 2003 08:34:21 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [158158] QRP HB Sprint
Message-ID: <3F6EEC4D.2090702@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Well, I have to admit it. I pulled a Joel, and thought this one was NEXT weekend! Haven't seen any comments. Was there much activity?

John W2AGN

Date: Mon, 22 Sep 2003 08:37:04 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: NJQRP@NJQRP.ORG
Cc: qrp-l@lehigh.edu
Subject: [158159] NJ HB Sprint
Message-ID: <200309221237.h8MCb4W6028099@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Gang,

Wow, two operating events in one weekend and I made both for a change!

Unfortunately the main antenna had been taken down as a precaution due to hurricane Irene. Plus my family took me out to dinner for my birthday. So at about 8 pm last nite I hurriendly strung up an "Improv" 40 meter quarter wave wire with about 10 feet vertical

using two 10 foot crappie poles. a wire fence served as the ground.

Interestingly it worked about the same as a Pacific Antennas PAC-12 I tried a week before.

40 was very noisy for me but in an hour in between household chores I managed 9 Q's out as far as TX and SD - not half bad for a modest antenna setup. I did, however run a full 5 watts...

What's more every callsign was a familiar one from qrp-l. Gee maybe we do get off our computers and on the air once in a while.

I apologize for my crummy fist. Those who copied me are saints! The adjustment hardware on my paddle had worked loose during QRP Afield on Saturday and kept giving me fits until I found the little wrench to tighten everything up.

72/73,

Joe E., N2CX

Date: Mon, 22 Sep 2003 07:07:40 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [158160] Re: QRP HB Sprint
Message-ID: <00dc01c3810a\$817ee920\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John,

I had a pretty good run on 40m. Didn't get started until 8p, rang up 35 QSOs in 90min. Even bagged C02CR in Havana! After 0330z things got quit. 40m was noisy. Set up was K1 @ 5W into attic antenna.

73, Rod N0RC

----- Original Message -----

From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, September 22, 2003 6:34 AM
Subject: QRP HB Sprint

> Well, I have to admit it. I pulled a Joel, and thought this one was
NEXT
> weekend! Haven't seen any comments. Was there much activity?

Date: Mon, 22 Sep 2003 06:14:14 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [158161] NJ HB Sprint
Message-ID: <20030922131414.63953.qmail@web11601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The HB Sprint was a blast! I operated
for an hour using DSWs and made 22 QSOs.
12 Qs on 40 and 10 Qs on 20. 20 died early
but 40 held strong with lots of participation.
Thanks to all! Jim W1PID

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 22 Sep 2003 09:57:40 -0400
From: "Ken Newman" <n2cq@comcast.net>
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [158162] NJ HB Sprint - WQ2RP
Message-ID: <003b01c38111\$7f227e60\$3fcb2d44@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Homebrewer Sprint - Fall 2003

Call used: WQ2RP

Location: NJ

Category: Single Op All Band

Mode: CW

Power: 4W

Callsign of Operator: N2CQ

Exchanged Information: WQ2RP RST NJ 4W

Hours of Operation: 02:05

band	QSOs	points	mults

160	0	0	0
80	0	0	0
40	24	96	19
20	10	40	5
15	0	0	0
10	0	0	0

TOTAL	34	136	24

Pts x Power mult x SPC mult

SCORE: 136 x 7 x 24 = 22,848

Club or Team Name: NJ QRP Club

Comments: Elecraft K1, Zepp portable, 8 AA Battery Pack

Good band conditions. Great to QSO the Usual

Suspects and many with miliwatt power.

I have observed all competition rules as well as all regulations for
amateur radio in my country. My report is correct and true to the
best of my knowledge. I agree to be bound by the decisions of the
contest committee.

Date_09/22/03_ Signature_Ken Newman_____ Call__N2CQ_____

Name: Kenneth Newman

Call: N2CQ

81 Holly Drive

Woodbury, NJ 08096

Date: Mon, 22 Sep 2003 10:07:40 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [158163] JT1C0...14.026 ... Got em !!!
Message-ID: <001b01c38112\$e3c46800\$74883a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey All !!!!!

Just got JT1C0 !!!!!!! ... 14026 ... 20 w from the C22 !!!!
Good signal into East Coast !!!!

73s

George , N2JNZ

Date: Mon, 22 Sep 2003 10:20:17 -0600
From: "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
To: "QRP-L QRP LIST" <qrp-l@Lehigh.EDU>
Subject: [158164] solar power question...
Message-ID: <000d01c38125\$6a2ccd80\$0c4f4818@accesscomm.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been looking at the millameter that I have monitoring the output from my two small solar panels...instead of the meter needle sitting steady and slowly moving upwards or downwards, it is always fluctuating a little bit say up and down with a total fluctuation range of +/- 2/3 ma...the fluctuation is certainly visible...so I'm wondering why it does that?...is the dc voltage coming from the solar cells pulsating?...tnx - 72 - Bruce ve5rc/ve5qrp

Date: Mon, 22 Sep 2003 12:14:51 -0400

From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [158165] MFD
Message-ID: <3.0.6.32.20030922121451.007d3410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Monthly Field Day

If the Wx is nice on Saturday, I'll go out for a short walk into the woods and operate a bit. I need to try out a new antenna. Something a lot easier to set up in the thick woods we have around here. I'll let you know what it is if it works <g>

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 22 Sep 2003 09:58:03 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <rattray@accesscomm.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158166] Re: solar power question...
Message-ID: <009001c3812a\$b1216070\$2c4dbad0@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have noticed the same thing when charging gellcells. I believe it has something to do with the chemical action going on inside the battery. Of course, it could be your charge controller, too.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

----- Original Message -----

From: "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, September 22, 2003 9:20 AM
Subject: solar power question...

> I've been looking at the millimeter that I have monitoring the output from
> my two small solar panels...instead of the meter needle sitting steady and
> slowly moving upwards or downwards, it is always fluctuating a little bit
> say up and down with a total fluctuation range of +/- 2/3 ma...the
> fluctuation is certainly visible...so I'm wondering why it does that?...is
> the dc voltage coming from the solar cells pulsating?...tnx - 72 - Bruce
> ve5rc/ve5qrp
>
>
>

Date: Mon, 22 Sep 2003 12:10:12 -0500
From: Wayne Rogers <w5kdj@juno.com>
To: kd7s@psnw.com
Cc: qrp-1@Lehigh.EDU
Subject: [158167] Re: solar power question...
Message-ID: <20030922.121013.-1667967.0.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would think it would be the change of intensity from the sun at
different angles????????

Wayne_W5KDJ
ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP-626
FISTS_10060 SOC_538 HQRP ARRL

Date: Mon, 22 Sep 2003 13:19:22 -0400
From: "Steve Blary" <steve@eclipsecat.com>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158168] RE: solar power question...
Message-ID: <PPEIIGOHKOAKJAPHAODHCENDEJAA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

That's the individual photons from the sun imparting their energy as they
strike the solar cell. Seriously it's probably the charge controller using

some Pulse width modulation scheme to keep from overcharging the battery.
Just a guess...

73

Steve Blary, N1XC

Date: Mon, 22 Sep 2003 13:54:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rattray@accesscomm.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [158169] Re: solar power question...
Message-ID: <005a01c38132\$8644a760\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've been looking at the millameter that I have monitoring the output
from
> my two small solar panels...instead of the meter needle sitting steady
and
> slowly moving upwards or downwards, it is always fluctuating a little
bit
> say up and down with a total fluctuation range of +/- 2/3 ma...the
> fluctuation is certainly visible...so I'm wondering why it does
that?...is
> the dc voltage coming from the solar cells pulsating?...tnx - 72 -
Bruce
> ve5rc/ve5qrp

Got a light meter? Hook that up and see if the light intensity is
constant at
the same physical location.

Then... As an experiment... Get a good stable power supply and set it
up charging your batteries at a fixed current level appropriate for what
you see as an average on your solar setup. See if that changes around
a bit. This is probably where you'll see it. And I would suspect small
gas bubbles forming and reabsorbing.

If you don't see it, don't worry, you may not have the same conditions.

For example, if you use a high voltage with a large resistor, slight
resistance
changes in the battery may show 'differently' than a lower voltage with a

lower resistance from your power supply.

Mike

Date: Mon, 22 Sep 2003 13:20:39 -0600
From: "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
To: "Michael Goins" <mgoins@usa.net>
Cc: "QRP-L QRP LIST" <qrp-l@Lehigh.EDU>
Subject: [158170] Re: [solar power question...]
Message-ID: <001b01c3813e\$9c70cee0\$0c4f4818@accesscomm.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike...well right now the milliammeter is showing 70 ma and is much more steady, in fact I have to look very close to see a tiny, tiny fluctuation...the sky is mostly blue but there are light clouds here and there, so it seems like that is the answer, clouds...how many of them and their density...thank you - 72 - Bruce ve5rc/ve5qrp

----- Original Message -----
From: "Michael Goins" <mgoins@usa.net>
To: <rattray@accesscomm.ca>
Sent: Monday, September 22, 2003 10:38 AM
Subject: Re: [solar power question...]

Is it overcast with a lot of clouds in the sky? Mine fluctuate too when there is a big cloud going over and the light received changes dramatically.

mike
k5wmg

"Bruce & Bonnie Rattray" <rattray@accesscomm.ca> wrote:

I've been looking at the millimeter that I have monitoring the output from my two small solar panels...instead of the meter needle sitting steady and slowly moving upwards or downwards, it is always fluctuating a little bit say up and down with a total fluctuation range of +/- 2/3 ma...the fluctuation is certainly visible...so I'm wondering why it does that?...is the dc voltage coming from the solar cells pulsating?...tnx - 72 - Bruce ve5rc/ve5qrp

Date: Mon, 22 Sep 2003 17:18:53 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: elecraft@mailman.qth.net, qrp-1@lehigh.edu
Subject: [158171] For Sale: KAT-2 & KIO-2
Message-ID: <6.0.0.22.2.20030922171658.02c89980@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For Sale:

A KAT-2 antenna tuner and KIO-2 RS-232 interface
mounted on a K2 top cover with the speaker.

\$220 includes shipping to the US (all 50 states!)

73 Hank K8DD

Date: 22 Sep 2003 17:22:24 -0400
From: Michael Clark <mdc@oldboy.net>
To: qrp-1@lehigh.edu
Subject: [158172] SA612 parts?
Message-ID: <1064265744.1257.31.camel@dublin.oldboy.net>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Have people been able to get these parts? I'm especially interested in
the DIP package. Anyone have a few you'd part with??

Thanks in advance & 73,

--

Michael Clark AA4YH <mdc@oldboy.net>

End of QRP-L Digest 3051
